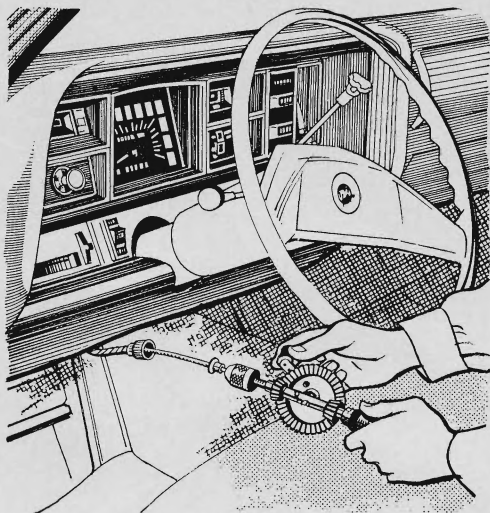




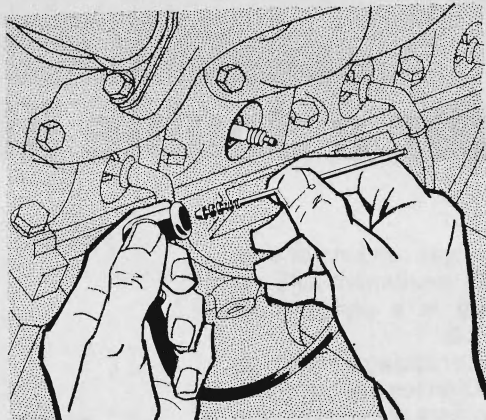
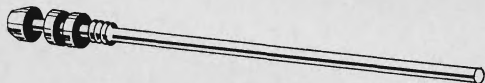
Hints from the Model Garage



Worried about a noise in your engine? Make yourself a home-made stethoscope like this and you'll be equipped to track it down. Bend one end of a long metal rod and solder it to the bottom of an oilcan. The can bottom acts as a diaphragm, amplifying the noise.

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If you have trouble inserting a new speedometer cable, or a newly greased cable, into the outer casing, try this method: After feeding in the transmission end of the cable, chuck the instrument end in a hand drill and turn the cable as you push it in.



Your Auto Hint Can Win a \$15 Prize

Have you found an easier way to do a difficult job on your car? Have you worked out a short cut that is saving you money on repairs? Have you discovered a way to improve the family car at little cost? Have you devised ways to make your driving safer, to add to your driving comfort or convenience, or to change some feature or detail you disliked about your car?

If you have come up with any good ideas along these lines, we'd like to know about it. We want new ideas, and we offer a prize of \$15 for each one we publish.

Send us a complete description of your hint—typewritten, if possible—and include a rough pencil drawing and/or a photograph if you feel that this will make it more easily understood. Address your entry to:

Model Garage Editor
POPULAR SCIENCE
355 Lexington Avenue
New York, N.Y. 10017

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Spark-testing with an ordinary screwdriver is difficult when the plug terminals are sheathed in rubber. Make this handy spark tester by breaking an old spark plug apart for the core. Snap the cap onto a terminal and the core is exposed for testing.